

ABSTRACT OF THE DISCLOSURE

The invention relates to a device for abrading a wooden barrel (13). The device is characterised in that it consists of a robot comprising: means (11, 17, 23) of loading a barrel (13), means (29a, 29b, 33a, 33b) of gripping and rotating the barrel (13) around the axis thereof, means (43a, 43b) of extracting and re-positioning the two bilge hoops of the barrel, means (53) of abrading the barrel, and means (69) of removing said barrel (13).